



- Category**
- Seal, Double Acting Rod
- Construction**
- T shaped NBR sealing element with two polymer antiextrusion rings
- Housing**
- Rectangular groove in one piece gland
- Duty**
- Light
- Features**
- Compact design
 - Low friction
- Comments**
- Replaces dynamic gland O-rings
 - Superior extrusion resistance than an O-ring
- Size Range**
- US Imperial

Metric Specifications

Operating Conditions	Maximum Speed:	0.5 m/sec	
	Temperature Range:	-40°C ~ 100°C	
	Maximum Pressure:	200 bar	
Surface Finish	Dynamic Sealing Face:	0.1 ~ 0.4 µmRa	
	Static Sealing Face:	1.6 µmRa max	
	Other Faces:	3.2 µmRa max	
Extrusion Gap (Diametral)			
Pressure (bar)	70	140	200
Maximum gap (mm)	0.45	0.25	0.15
Imperial Specifications			
Operating Conditions	Maximum Speed:	1.5 ft/sec	
	Temperature Range:	-40°F ~ 212°F	
	Maximum Pressure:	3000 psi	
Surface Finish	Dynamic Sealing Face:	4 ~ 16 µinCLA	
	Static Sealing Face:	63 µinCLA max	
	Other Faces:	125 µinCLA max	
Extrusion Gap (Diametral)			
Pressure (psi)	1000	2000	3000
Maximum gap (in)	0.018	0.010	0.005
Chamfers			
Minimum Z = C x 0.70		where C = (ØD - Ød) ÷ 2	

Imperial Sizes

Part No.	Ød	ØD	H
<i>Tolerances</i>	<i>f8</i>	<i>H8</i>	<i>+0.005 -0</i>
TR037062-	0.375	0.621	0.187
TR050075-	0.500	0.746	0.187
TR056081-	0.562	0.808	0.187
TR075100-	0.750	0.996	0.187
TR081106-	0.812	1.058	0.187
TR087112-	0.875	1.121	0.187
TR100125-	1.000	1.246	0.187
TR112137-	1.125	1.371	0.187
TR125150-	1.250	1.496	0.187
TR150175-	1.500	1.746	0.187
TR150187-	1.500	1.870	0.281

Imperial Sizes (cont'd)

Part No.	Ød	ØD	H
TR175212-	1.750	2.120	0.281
TR187225-	1.875	2.245	0.281
TR200237-	2.000	2.370	0.281
TR225262-	2.250	2.620	0.281
TR250287-	2.500	2.870	0.281
TR262300-	2.625	2.995	0.281
TR275312-	2.750	3.120	0.281
TR300337-	3.000	3.370	0.281
TR350387-	3.500	3.870	0.281
TR362400-	3.625	3.995	0.281
TR400437-	4.000	4.370	0.281
TR500550-	5.000	5.472	0.366